

	Type	Hits	Search Text
1	BRS	10	robot and ((axis or axle or rotatable or rotation) near (shoulder or step) ) and sensor and target and (target near5 (location or center))
2	BRS	140	robot and ((axis or axle or rotatable or rotation) near (shoulder or step) ) and sensor
3	BRS	0	robot and ((axis or axle or rotatable or rotation) near (shoulder or step) ) and sensor and (groove near5 wall)
4	BRS	100	("5204814" "5276777" "5565749" "6404849" "5390288" "5540821" "6111930" "5438418" "4427158" "4546940" "4552397" "4617502" "4831549" "4852018" "4937848" "4941106" "4987356" "5006999" "5264178" "5288224" "5314722" "5426625" "5553500" "5587470" "5600627" "5604314" "5796610" "5832415" "5974908" "6000523" "6018507" "6055218" "6091695" RE37065 "3805702" "4244115" "4281342" "4283930" "4317571" "4343167" "4365326" "4409650" "4421450" "4445184" "4456378" "4480280" "4487127" "4491719" "4507594" "4525918").pn. ("4535695" "4541062" "4540924" "4541193" "4543699" "4547665" "4553035" "4572011" "4579058" "4580350" "4590577" "4595481" "4596076" "4600869" "4601637" "4604561" "4607358" "4613803" "4615023" "4633383" "4633059" "4633414" "4761595" "4764048" "4769546" "4769583" "4774805" "4779155" "4788482" "4789970" "4791588" "4794584" "4796598" "4797835" "4803640" "4809885" "4815780" "4817697" "4817954" "4819514" "4821673" "4828263" "4839876" "4843711" "4844624" "4845834" "4850783" "4860436" "4866362" "4867207").pn.
5	BRS	0	robot and ((axis or axle or rotatable or rotation) near (shoulder or step or notch or groove) ) and (sensor near5 target) and groove
6	BRS	10	abb and robot and rotat\$3 and sensor and step
7	BRS	34	robot and ((axis or axle or rotatable or rotation) near (shoulder or step or notch or groove) ) and (sensor and target)
8	BRS	3	robot and ((axis or axle or rotatable or rotation) near (shoulder or step or notch or groove) ) and (sensor near5 target)
9	BRS	13	robot and ((axis or axle or rotatable or rotation) near (shoulder or step or notch or groove) ) and (sensor and target) and (sensor near5 (optical or magnetic or proximity))
10	BRS	38	robot and ((axis or axle or rotatable or rotation) near (shoulder or step) ) and sensor and (sensor near5 (optical or magnetic or proximity))
11	BRS	5	robot and ((axis or axle or rotatable or rotation) near (shoulder or step) ) and (sensor near5 (non-contact or noncontact))
12	BRS	301	(700/259).ccls.
13	BRS	9	(700/259).ccls. and ((shoulder or notch or groove) near5 center)
14	BRS	18	robot and target and (nishi).in.
15	BRS	3	robot and target and target and ("700"/\$).ccls. and butler
16	BRS	4	"6591160"
17	BRS	1	"6522386".PN.
18	BRS	1	"6411386".PN.

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
<b>1</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 07:58		
<b>2</b>	USPAT; EPO; JPO; DERWENT	2003/05/18 00:15		
<b>3</b>	USPAT; EPO; JPO; DERWENT	2003/05/17 17:55		
<b>4</b>	USPAT	2003/05/17 20:25		
<b>5</b>	USPAT; EPO; JPO; DERWENT	2003/05/17 23:18		
<b>6</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 08:08		
<b>7</b>	USPAT; EPO; JPO; DERWENT	2003/05/18 00:14		
<b>8</b>	USPAT; EPO; JPO; DERWENT	2003/05/17 23:19		
<b>9</b>	USPAT; EPO; JPO; DERWENT	2003/05/18 00:16		
<b>10</b>	USPAT; EPO; JPO; DERWENT	2003/05/18 01:21		
<b>11</b>	USPAT; EPO; JPO; DERWENT	2003/05/18 01:22		
<b>12</b>	USPAT; EPO; JPO; DERWENT	2003/11/03 09:46		
<b>13</b>	USPAT; EPO; JPO; DERWENT	2003/11/03 09:47		
<b>14</b>	USPAT; EPO; JPO; DERWENT	2004/12/08 06:43		
<b>15</b>	USPAT; EPO; JPO; DERWENT	2004/12/08 06:45		
<b>16</b>	USPAT; EPO; JPO; DERWENT	2004/12/08 06:54		
<b>17</b>	USPAT; USOCR	2004/12/08 06:48		
<b>18</b>	USPAT; USOCR	2004/12/08 06:48		

	<b>Errors</b>	<b>Ref #</b>
<b>1</b>		S1
<b>2</b>		S2
<b>3</b>		S3
<b>4</b>		S4
<b>5</b>		S5
<b>6</b>		S6
<b>7</b>		S7
<b>8</b>		S8
<b>9</b>		S9
<b>10</b>		S10
<b>11</b>		S11
<b>12</b>		S12
<b>13</b>		S13
<b>14</b>		S14
<b>15</b>		S15
<b>16</b>		S16
<b>17</b>		S17
<b>18</b>		S18

	Type	Hits	Search Text
19	BRS	1	"6400445".PN.
20	BRS	1	"6452134".PN.
21	BRS	1	"6341007".PN.
22	BRS	17	(robot and (calculate near5 center)) and (interpolate or midpoint)
23	BRS	16	(butler) and robot and sensor and ("700"/\$).ccls.
24	BRS	0	storage and technoloies and robot and sensor and ("700"/\$).ccls.
25	BRS	86	storage and technologies and robot and sensor and ("700"/\$).ccls.
26	BRS	1	"6411386".PN.
27	BRS	1	"6400445".PN.
28	BRS	1	"6163946".PN.
29	BRS	1	"6166801".PN.
30	BRS	1	"6522386".PN.
31	BRS	1	"6490369".PN.
32	BRS	8	("storage technologies") and robot and position
33	BRS	614319	("storage technologies") t and position
34	BRS	557	("storage technologies") and position
35	BRS	27	("storage technologies") and position and (bar near5 code)
36	BRS	2855	(position near5 center) and robot
37	BRS	2	("5840595").pn.
38	BRS	14	("4353087"   "4759073"   "4791586"   "5444481"   "5495328").PN. OR ("5840595").URPN.

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
<b>19</b>	USPAT; USOCR	2004/12/08 06:49		
<b>20</b>	USPAT; USOCR	2004/12/08 06:52		
<b>21</b>	USPAT; USOCR	2004/12/08 06:53		
<b>22</b>	USPAT; EPO; JPO; DERWENT	2004/12/08 06:55		
<b>23</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 08:05		
<b>24</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 08:02		
<b>25</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 08:02		
<b>26</b>	USPAT; USOCR	2004/12/13 08:04		
<b>27</b>	USPAT; USOCR	2004/12/13 08:04		
<b>28</b>	USPAT; USOCR	2004/12/13 08:05		
<b>29</b>	USPAT; USOCR	2004/12/13 08:05		
<b>30</b>	USPAT; USOCR	2004/12/13 08:05		
<b>31</b>	USPAT; USOCR	2004/12/13 08:05		
<b>32</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 08:06		
<b>33</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 08:06		
<b>34</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 08:06		
<b>35</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 08:07		
<b>36</b>	USPAT; EPO; JPO; DERWENT	2004/12/13 08:07		
<b>37</b>	USPAT; EPO; JPO; DERWENT	2005/02/28 17:24		
<b>38</b>	US-PGPUB; USPAT; USOCR	2005/02/28 17:24		

	<b>Errors</b>	<b>Ref #</b>
<b>19</b>		S19
<b>20</b>		S20
<b>21</b>		S21
<b>22</b>		S22
<b>23</b>		S23
<b>24</b>		S24
<b>25</b>		S25
<b>26</b>		S26
<b>27</b>		S27
<b>28</b>		S28
<b>29</b>		S29
<b>30</b>		S30
<b>31</b>		S31
<b>32</b>		S32
<b>33</b>		S33
<b>34</b>		S34
<b>35</b>		S35
<b>36</b>		S36
<b>37</b>		S37
<b>38</b>		S38

	Type	Hits	Search Text
1	BRS	48	("5875434" "5691980" "5815114" "5952958" "5367636" "6240363" "5392052" "5406492" "5583494" "5751246" "6023652" "6104712" "6226589" "6226589" "6252544" "6287765" "6292830" "6429812" "6456936" "6023654" "6079619" "5355526" "5576973" "5903404" "5941930" "5969669" "6034830" "6151375" "6163503" "6226529" "6226529" "4342111" "4477899" "5383128" "5422815" "5442559" "5523763" "5754136" "5881233" "5886650" "5887269" "5902348" "5912644" "6014608" "6061003" "6112213" "6124939" "6131119" "6166687" "6209079").pn.
2	BRS	0	"09987795"
3	BRS	0	"09987795"
4	BRS	3	(teraura and shibata).in.
5	BRS	3	"6079619"
6	BRS	2	(dreher and branka).in.
7	BRS	0	"2000359338"
8	BRS	0	8-586929
9	BRS	0	"8586929"
10	BRS	0	"9586929"
11	BRS	0	"7586929"
12	BRS	10	"6111197"
13	BRS	0	"5532692".pn. and gate
14	BRS	0	("5532692").pn. and gate
15	BRS	0	("5532692").pn. and altitude
16	BRS	0	("5532692").pn. and elevation
17	BRS	1	("5532692").pn.
18	BRS	0	("5875434").pn. and gate
19	BRS	0	("5875434").pn. and (altitude or elevation)
20	BRS	1	("5875434").pn.
21	BRS	9	("5875434" "5691980" "5815114" "5952958" "5367636" "6240363" "5392052" "5406492" "5583494" "5751246" "6023652" "6104712" "6226589" "6226589" "6252544" "6287765" "6292830" "6429812" "6456936" "6023654" "6079619" "5355526" "5576973" "5903404" "5941930" "5969669" "6034830" "6151375" "6163503" "6226529" "6226529" "4342111" "4477899" "5383128" "5422815" "5442559" "5523763" "5754136" "5881233" "5886650" "5887269" "5902348" "5912644" "6014608" "6061003" "6112213" "6124939" "6131119" "6166687" "6209079").pn. and altitude
22	BRS	0	GPS and (parcel near5 delivery) and altitude
23	BRS	3	GPS and (parcel near5 delivery) and altitude
24	BRS	0	(parcel near5 delivery) and altitude and (record near5 media)
25	BRS	3	(parcel near5 delivery) and altitude and (record and media)

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
<b>1</b>	USPAT	2003/10/01 04:38		
<b>2</b>	USPAT	2003/10/01 00:17		
<b>3</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:17		
<b>4</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:46		
<b>5</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:47		
<b>6</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:53		
<b>7</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:53		
<b>8</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:54		
<b>9</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:54		
<b>10</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:54		
<b>11</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:54		
<b>12</b>	USPAT; EPO; JPO; DERWENT	2003/10/01 00:55		
<b>13</b>	USPAT	2003/10/01 04:33		
<b>14</b>	USPAT	2003/10/01 04:33		
<b>15</b>	USPAT	2003/10/01 04:34		
<b>16</b>	USPAT	2003/10/01 04:34		
<b>17</b>	USPAT	2003/10/01 04:34		
<b>18</b>	USPAT	2003/10/01 04:34		
<b>19</b>	USPAT	2003/10/01 04:34		
<b>20</b>	USPAT	2003/10/01 04:34		
<b>21</b>	USPAT	2003/10/01 04:55		
<b>22</b>	USPAT	2004/06/28 01:57		
<b>23</b>	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/06/28 01:59		
<b>24</b>	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/06/28 02:00		
<b>25</b>	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/06/28 02:00		

	<b>Errors</b>	<b>Ref #</b>
<b>1</b>		S1
<b>2</b>		S2
<b>3</b>		S3
<b>4</b>		S4
<b>5</b>		S5
<b>6</b>		S6
<b>7</b>		S7
<b>8</b>		S8
<b>9</b>		S9
<b>10</b>		S10
<b>11</b>		S11
<b>12</b>		S12
<b>13</b>		S13
<b>14</b>		S14
<b>15</b>		S15
<b>16</b>		S16
<b>17</b>		S17
<b>18</b>		S18
<b>19</b>		S19
<b>20</b>		S20
<b>21</b>		S21
<b>22</b>		S22
<b>23</b>		S23
<b>24</b>		S24
<b>25</b>		S25

	Type	Hits	Search Text
26	BRS	15	(parcel near5 delivery) and altitude
27	BRS	73	(700/229).ccs.
28	BRS	718	(340/905).ccs.
29	BRS	2	("5923014" or "6056195").pn.

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
<b>26</b>	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/06/28 02:20		
<b>27</b>	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/06/28 03:35		
<b>28</b>	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/06/28 03:36		
<b>29</b>	USPAT	2005/03/02 17:18		

	<b>Errors</b>	<b>Ref #</b>
<b>26</b>		S26
<b>27</b>		S27
<b>28</b>		S28
<b>29</b>		S29

	Type	Hits	Search Text
1	BRS	1	(center near5 gravity) and (center near5 monitor) and (crane)
2	BRS	17	(center near5 gravity) and (center near5 monitor) and vehicle
3	BRS	0	(center near5 gravity) and (center near5 monitor) and "fork lift"
4	BRS	1	(center near5 gravity) and (gravity near5 monitor) and "fork lift"
5	BRS	1	(center near5 gravity) and (gravity near5 monitor) and crane
6	BRS	0	(center near5 gravity) and (center near5 monitor) and "material handler"
7	BRS	13	(center near5 gravity) and (center near5 monitor) and lift
8	BRS	1	(center near5 gravity) and (center near5 monitor) and ((fork near5 lift) or crane or (material near5 handler) or (material near5 handling))
9	BRS	2	(scotese).in. and (center near5 gravity)
10	BRS	22223	(center near5 gravity) and material
11	BRS	554	(center near5 gravity) and (material near5 handling)
12	BRS	51	(center near5 gravity) and (material near5 handling) and monitor
13	BRS	1	"4952908".PN.
14	BRS	1	"4705295".PN.
15	BRS	1	"5769502".PN.
16	BRS	1	"4573742".PN.
17	BRS	1	"4573742".PN.
18	BRS	1	"4382632".PN.
19	BRS	1	"4375903".PN.
20	BRS	0	(center near5 gravity) and (center near5 monitor) and (crane or boom) and (telescope or telescopic)
21	BRS	17	(center near5 gravity) and (center near5 monitor) and vehicle
22	BRS	14	(center near5 gravity) and (center near5 monitor) and lift
23	BRS	6	(center near5 gravity) and (center near5 monitor) and (telescope or telescopic)
24	BRS	6	("6157889" or "4511974" or "6032094").pn.
25	BRS	6	("5067572"   "5528499"   "5631832").PN. OR ("6157889").URPN.
26	BRS	5	("3909962"   "4098538"   "4444542"   "5704141").PN. OR ("6032094").URPN.
27	BRS	47	("3831492"   "4057792"   "4093091"   "4368824"   "4398860").PN. OR ("4511974").URPN.

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
<b>1</b>	USPAT; EPO; JPO; DERWENT	2005/02/28 14:10		
<b>2</b>	USPAT; EPO; JPO; DERWENT	2005/02/28 14:11		
<b>3</b>	USPAT; EPO; JPO; DERWENT	2004/06/14 02:38		
<b>4</b>	USPAT; EPO; JPO; DERWENT	2004/06/14 02:42		
<b>5</b>	USPAT; EPO; JPO; DERWENT	2004/06/14 02:42		
<b>6</b>	USPAT; EPO; JPO; DERWENT	2004/06/14 02:44		
<b>7</b>	USPAT; EPO; JPO; DERWENT	2005/02/28 14:11		
<b>8</b>	USPAT; EPO; JPO; DERWENT	2004/06/24 23:38		
<b>9</b>	USPAT; EPO; JPO; DERWENT	2004/06/24 23:39		
<b>10</b>	USPAT; EPO; JPO; DERWENT	2004/06/24 23:40		
<b>11</b>	USPAT; EPO; JPO; DERWENT	2004/06/24 23:40		
<b>12</b>	USPAT; EPO; JPO; DERWENT	2004/06/24 23:40		
<b>13</b>	USPAT	2004/06/26 12:19		
<b>14</b>	USPAT	2004/06/26 12:19		
<b>15</b>	USPAT	2004/06/26 12:20		
<b>16</b>	USPAT	2004/06/26 12:20		
<b>17</b>	USPAT	2004/06/26 12:20		
<b>18</b>	USPAT	2004/06/26 12:20		
<b>19</b>	USPAT	2004/06/26 12:20		
<b>20</b>	USPAT; EPO; JPO; DERWENT	2005/02/28 14:11		
<b>21</b>	USPAT; EPO; JPO; DERWENT	2005/02/28 14:11		
<b>22</b>	USPAT; EPO; JPO; DERWENT	2005/02/28 14:11		
<b>23</b>	USPAT; EPO; JPO; DERWENT	2005/02/28 15:20		
<b>24</b>	USPAT; EPO; JPO; DERWENT	2005/02/28 15:24		
<b>25</b>	US-PGPUB; USPAT; USOCR	2005/02/28 15:24		
<b>26</b>	US-PGPUB; USPAT; USOCR	2005/02/28 15:58		
<b>27</b>	US-PGPUB; USPAT; USOCR	2005/02/28 16:00		

	Errors	Ref #
1		S1
2		S2
3		S3
4		S4
5		S5
6		S6
7		S7
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9		S9
10		S10
11		S11
12		S12
13		S13
14		S14
15		S15
16		S16
17		S17
18		S18
19		S19
20		S20
21		S21
22		S22
23		S23
24		S24
25		S25
26		S26
27		S27